

APR 20 2007

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To:

| NAME: | FACSIMILE: | TELEPHONE: |
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| MS AF U.S. Patent and Trademark Office | 571/273-8300 | 571/272-4493 |

FROM: Charles D. Holland

DATE: April 20, 2007

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| Number of pages with cover page: | 18 | <u>OFFICIAL FILING</u> |
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Preparer of this slip has confirmed that facsimile number given is correct: 10938/llg3

Comments:

Attorney Docket No.: 577182000100
Group Art Unit: 3723
Examiner: M. Rachuba
Serial No.: 10/810,070
Filing Date: March 25, 2004
Inventors: Sudhanshu MISRA et al.
Title: **CUSTOMIZED POLISH PADS FOR CHEMICAL MECHANICAL
PLANARIZATION**

Papers enclosed:

1. Transmittal (1 page);
2. Fee Transmittal + duplicate for fee processing (2 pages);
3. After Final Response, Expedited Procedure (14 pages).

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pa-1149508

APR 20 2007

PTO/SB/21 (09-08)

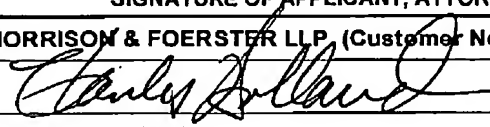
Approved for use through 03/31/2007. OMB 0851-0031

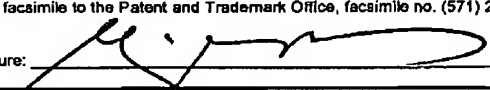
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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| | | | |
|--|----|------------------------|-----------------|
| TRANSMITTAL FORM <small>(to be used for all correspondence after initial filing)</small> | | Application Number | 10/810,070 |
| | | Filing Date | March 25, 2004 |
| | | First Named Inventor | Sudhanshu MISRA |
| | | Art Unit | 3723 |
| | | Examiner Name | M. Rachuba |
| Total Number of Pages in This Submission | 17 | Attorney Docket Number | 577182000100 |

| ENCLOSURES (Check all that apply) | | |
|--|--|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form + duplicate for fee processing (2 pages) <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply (14 pages) <input checked="" type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Fax Cover Sheet |
| <div style="border: 1px solid black; padding: 2px; width: 100px; float: left;">Remarks</div> | | |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | | | |
|--|---|----------|--------|
| Firm Name | MORRISON & FOERSTER LLP (Customer No. 25226) | | |
| Signature |  | | |
| Printed name | Charles D. Holland | | |
| Date | April 20, 2007 | Reg. No. | 35,196 |

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|---|--|
| I hereby certify that this paper is being transmitted by facsimile to the Patent and Trademark Office, facsimile no. (571) 273-8300, on the date shown below. | |
| Dated: April 20, 2007 | Signature:  (Lynn Guillermo) |

pa-1149384

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PTO/SB/17 (02-07)

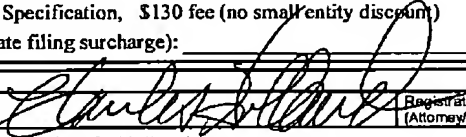
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| | | | |
|---|------|--|--|
| Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). FEE TRANSMITTAL For FY 2007 | | Complete if Known Application Number 10/810,070 Filing Date March 25, 2004 First Named Inventor Sudhanshu MISRA Examiner Name M. Rachuba Art Unit 3723 Attorney Docket No. 577182000100 | |
| <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27 | | | |
| TOTAL AMOUNT OF PAYMENT | (\$) | 500.00 | |

| | |
|--|---|
| METHOD OF PAYMENT (check all that apply) | |
| <input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> None <input type="checkbox"/> Other (please identify): | |
| <input checked="" type="checkbox"/> Deposit Account Deposit Account Number: 03-1952 Deposit Account Name: Morrison & Foerster LLP | |
| For the above-identified deposit account, the Director is hereby authorized to: (check all that apply) | |
| <input checked="" type="checkbox"/> Charge fee(s) indicated below | <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee |
| <input checked="" type="checkbox"/> Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 | <input checked="" type="checkbox"/> Credit any overpayments |

| | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|----------------------|-----------------------------------|-------------------------|----------------------|----------------------|---------------------|---------------------|---|----------------------------------|----------------------|----------------------|--------|--------------------------------|-----------|------|--------|--|------|--|
| FEE CALCULATION | | | | | | | | | | | | | | | | | | | | | |
| 1. BASIC FILING, SEARCH, AND EXAMINATION FEES | | | | | | | | | | | | | | | | | | | | | |
| | FILING FEES | | SEARCH FEES | | EXAMINATION FEES | | | | | | | | | | | | | | | | |
| | | Small Entity | | Small Entity | | Small Entity | | | | | | | | | | | | | | | |
| Application Type | Fee (\$) | Fee (\$) | Fee (\$) | Fee (\$) | Fee (\$) | Fee (\$) | Fees Paid (\$) | | | | | | | | | | | | | | |
| Utility | 300 | 150 | 500 | 250 | 200 | 100 | 0.00 | | | | | | | | | | | | | | |
| Design | 200 | 100 | 100 | 50 | 130 | 65 | 0.00 | | | | | | | | | | | | | | |
| Plant | 200 | 100 | 300 | 150 | 160 | 80 | 0.00 | | | | | | | | | | | | | | |
| Reissue | 300 | 150 | 500 | 250 | 600 | 300 | 0.00 | | | | | | | | | | | | | | |
| Provisional | 200 | 100 | 0 | 0 | 0 | 0 | 0.00 | | | | | | | | | | | | | | |
| 2. EXCESS CLAIM FEES | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | Small Entity | | | | | | | | | | | | | | |
| Fee Description | | | | | | | Fee (\$) | | | | | | | | | | | | | | |
| Each claim over 20 (including Reissues) | | | | | | | 50 | | | | | | | | | | | | | | |
| Each independent claim over 3 (including Reissues) | | | | | | | 200 | | | | | | | | | | | | | | |
| Multiple dependent claims | | | | | | | 360 | | | | | | | | | | | | | | |
| <table border="0"> <tr> <td>Total Claims</td> <td>Extra Claims</td> <td>Fee (\$)</td> <td>Fee Paid (\$)</td> <td>Multiple Dependent Claims</td> <td>Fee (\$)</td> <td>Fee Paid (\$)</td> </tr> <tr> <td>23</td> <td>- 28 = 0</td> <td>x 25.00 =</td> <td>0.00</td> <td>180.00</td> <td></td> <td>0.00</td> </tr> </table> | | | | | | | Total Claims | Extra Claims | Fee (\$) | Fee Paid (\$) | Multiple Dependent Claims | Fee (\$) | Fee Paid (\$) | 23 | - 28 = 0 | x 25.00 = | 0.00 | 180.00 | | 0.00 | |
| Total Claims | Extra Claims | Fee (\$) | Fee Paid (\$) | Multiple Dependent Claims | Fee (\$) | Fee Paid (\$) | | | | | | | | | | | | | | | |
| 23 | - 28 = 0 | x 25.00 = | 0.00 | 180.00 | | 0.00 | | | | | | | | | | | | | | | |
| HP = highest number of total claims paid for, if greater than 20. | | | | | | | | | | | | | | | | | | | | | |
| <table border="0"> <tr> <td>Indep. Claims</td> <td>Extra Claims</td> <td>Fee (\$)</td> <td>Fee Paid (\$)</td> </tr> <tr> <td>9</td> <td>- 4 = 5</td> <td>x 100.00 =</td> <td>500.00</td> </tr> </table> | | | | | | | Indep. Claims | Extra Claims | Fee (\$) | Fee Paid (\$) | 9 | - 4 = 5 | x 100.00 = | 500.00 | | | | | | | |
| Indep. Claims | Extra Claims | Fee (\$) | Fee Paid (\$) | | | | | | | | | | | | | | | | | | |
| 9 | - 4 = 5 | x 100.00 = | 500.00 | | | | | | | | | | | | | | | | | | |
| HP = highest number of independent claims paid for, if greater than 3. | | | | | | | | | | | | | | | | | | | | | |
| 3. APPLICATION SIZE FEE | | | | | | | | | | | | | | | | | | | | | |
| If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). | | | | | | | | | | | | | | | | | | | | | |
| <table border="0"> <tr> <td>Total Sheets</td> <td>Extra Sheets</td> <td>Number of each additional 50 or fraction thereof</td> <td>Fee (\$)</td> <td>Fee Paid (\$)</td> </tr> <tr> <td>- 100 =</td> <td>/50</td> <td>(round up to a whole number) x</td> <td></td> <td>0.00</td> </tr> </table> | | | | | | | | Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof | Fee (\$) | Fee Paid (\$) | - 100 = | /50 | (round up to a whole number) x | | 0.00 | | | | |
| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof | Fee (\$) | Fee Paid (\$) | | | | | | | | | | | | | | | | | |
| - 100 = | /50 | (round up to a whole number) x | | 0.00 | | | | | | | | | | | | | | | | | |
| 4. OTHER FEE(S) | | | | | | | | | | | | | | | | | | | | | |
| Non-English Specification, \$130 fee (no small entity discount) | | | | | | | | | | | | | | | | | | | | | |
| Other (e.g., late filing surcharge): | | | | | | | 0.00 | | | | | | | | | | | | | | |
| SUBMITTED BY | | | | | | | | | | | | | | | | | | | | | |
| Signature |  | | | Registration No. (Attorney/Agent) | 35,198 | Telephone | (650) 813-5832 | | | | | | | | | | | | | | |
| Name (Print/Type) | Charles D. Holland | | | Date | April 20, 2007 | | | | | | | | | | | | | | | | |

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Dated: April 20, 2007

Signature:

(Lya Guillermo)

Docket No.: 577182000100
(PATENT)**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:
Sudhanshu MISRA et al.

Application No.: 10/810,070

Confirmation No.: 3538

Filed: March 25, 2004

Art Unit: 3723

For: CUSTOMIZED POLISH PADS FOR
CHEMICAL MECHANICAL
PLANARIZATION

Examiner: M. Rachuba

**AFTER FINAL, EXPEDITED
PROCEDURE****AMENDMENT AFTER FINAL ACTION UNDER 37 C.F.R. 1.116**

MS AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

INTRODUCTORY COMMENTS

This is in response to the final Office Action dated February 21, 2007 (Paper No. 20070214) for which a response is due on May 21, 2007. This response is filed within two months of the issuance of the final Office Action and therefore qualifies for expedited review. Accordingly, this response is timely filed. Reconsideration and allowance of the pending claims, as amended, in light of the remarks presented herein are respectfully requested.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 13 of this paper.

04/23/2007 EAYALEW1 00000024 031932 10610070

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